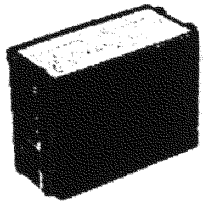
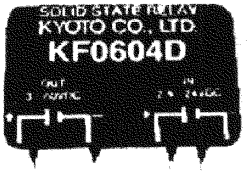
DC INPUT → DC OUTPUT



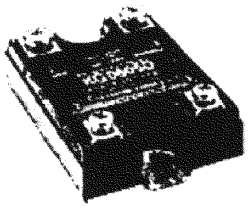
KE

0602D	1002D	2002D
2.8 TO 24 VDC		
MIN 2.8 VDC		
MAX 1.0 VDC		
1.5 Kohm		
2A		
5-60VDC	5 – 120VDC	5-200VDC
—		
1.2mA	2.4mA	4.8mA
5A	4A	3A
LESS 1 SEC		
200 V/μSEC		
1.5Vrms	1.5Vrms	2.0Vrms
10 mArms		
10^9 ohm		
3750 VACrms		
2500 VACrms		
LESS 2 mSec		
LESS 1/2 AC CYCLE		
47-70 Hz		
LESS 15 PF		
– 20 TO + 80 C DEG.		
– 30 TO + 100 C DEG.		
NO		
15 g		



KF

0602D	0604D
3 TO 24 VDC	
MIN 3 VDC	
MAX 1.0 VDC	
1.5 Kohm	
2A	4A
3 TO 60 VDC	
—	
LESS 1.0 mA	
3.0 A	8.5 A
LESS 1 SEC	
200 V/μSEC	
1.2 Vrms	
1 mArms	
10^9 ohm	
3750 VACrms	
2500 VACrms	
LESS 1/2 mSec	
LESS 1/2 AC CYCLE	
47-70 Hz	
LESS 15 PF	
– 20 TO + 80 C DEG.	
– 30 TO + 100 C DEG.	
NO	
15 g	

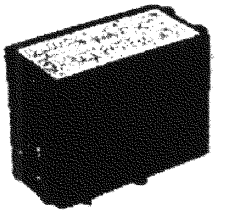


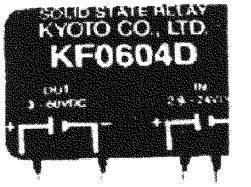
KG

0605D 0610D	1005D 1010D
2.8 TO 32 VDC	
MIN 2.8 VDC	
MAX 1.0 VDC	
1.5 Kohm	
XX05D 5A	XX10D 10A
5 – 60 VDC	5 – 120VDC
—	
LESS 3 mA	LESS 5 mA
7 A	17 A / 6 A / 15 A
LESS 1 SEC	
200 V/μSEC	
1.5 Vrms	2.0 Vrms
20 mArms	
10^9 om	
3750 VACrms	
2500 VACrms	
LESS 2 mSec	
LESS 1/2 AC CYCLE	
47-70 Hz	
LESS 15 PF	
– 20 TO + 80 C DEG.	
– 30 TO + 100 C DEG.	
NO	
85 g	

EQUIVALENT CIRCUIT, OUTLINE DIMENSIONS, CHARACTERI

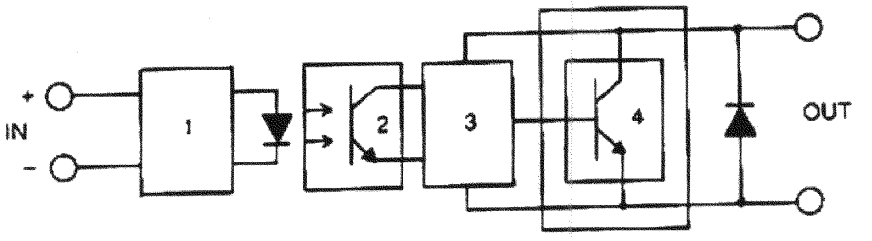
KE SERIES:
0602D, 1002D, 2002D
KF SERIES:
0602D, 0604D
KG SERIES:
0605D, 1005D, 0610D, 1010D





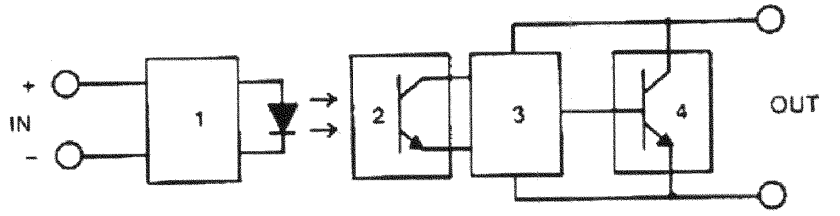
EQUIVALENT CIRCUIT

KE/KG



1. Input Circ
2. Photo Det
3. Amplifier
4. Output C

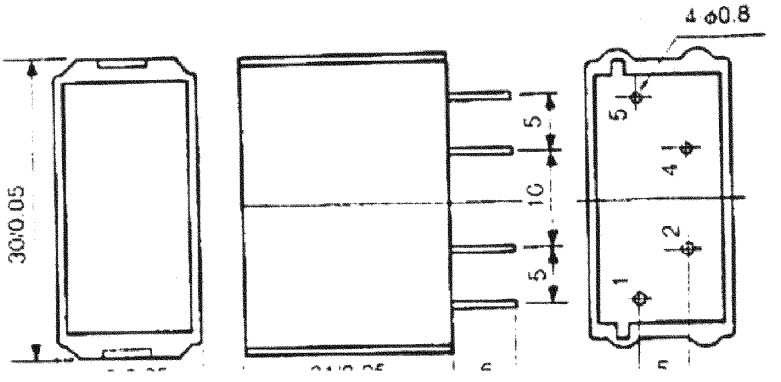
KF



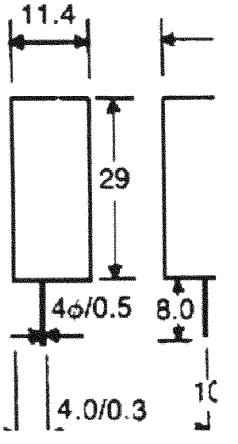
1. Input Circ
2. Photo De
3. Amplifier
4. Output Ci

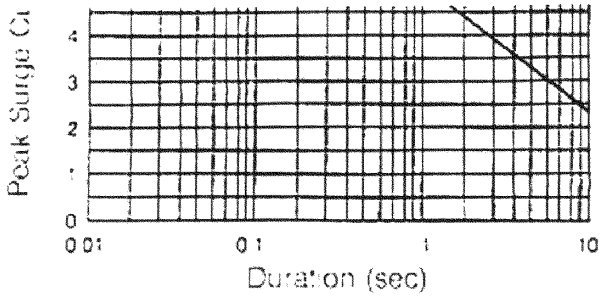
OUTLINE DIMENSIONS

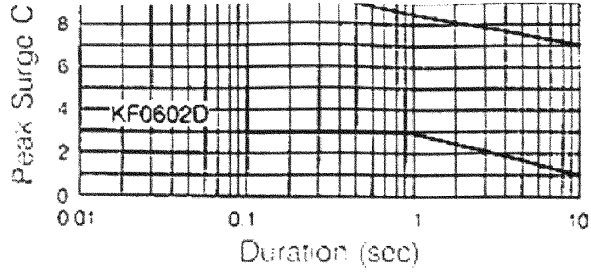
KE

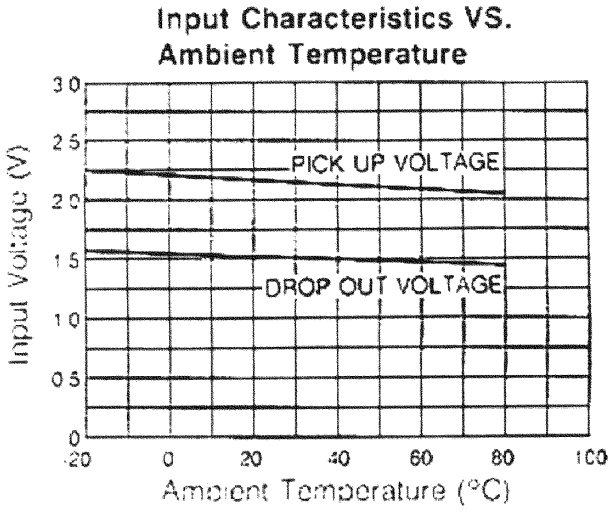


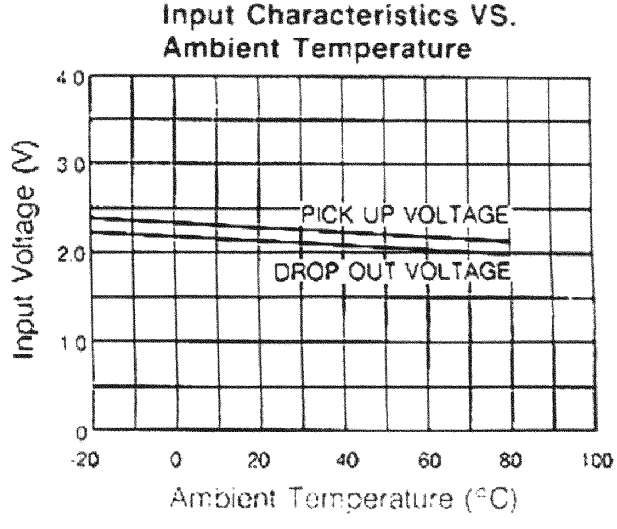
KF




Peak Surge Cu
4
3
2
1
0
0.01
0.1
1
10
Duration (sec)

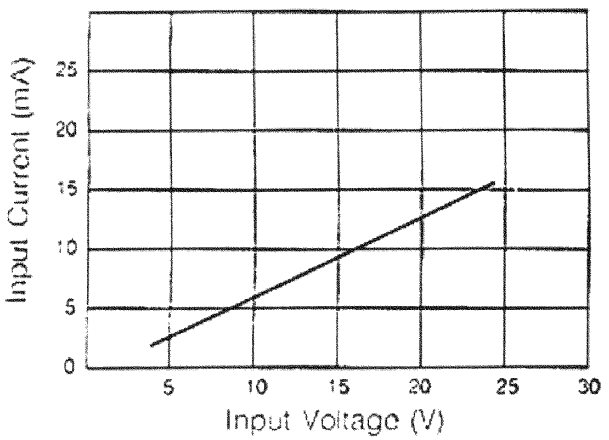

Peak Surge C
8
6
4
2
0
KF0602D
0.01
0.1
1
10
Duration (sec)


Input Characteristics VS.
Ambient Temperature
Input Voltage (V)
3.0
2.5
2.0
1.5
1.0
0.5
0
PICK UP VOLTAGE
DROP OUT VOLTAGE
-20
0
20
40
60
80
100
Ambient Temperature (°C)

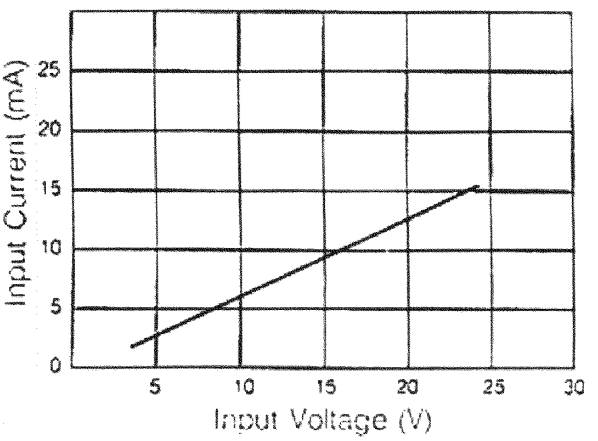

Input Characteristics VS.
Ambient Temperature
Input Voltage (V)
4.0
3.0
2.0
1.0
0
PICK UP VOLTAGE
DROP OUT VOLTAGE
-20
0
20
40
60
80
100
Ambient Temperature (°C)

CHARACTERISTIC CURVES

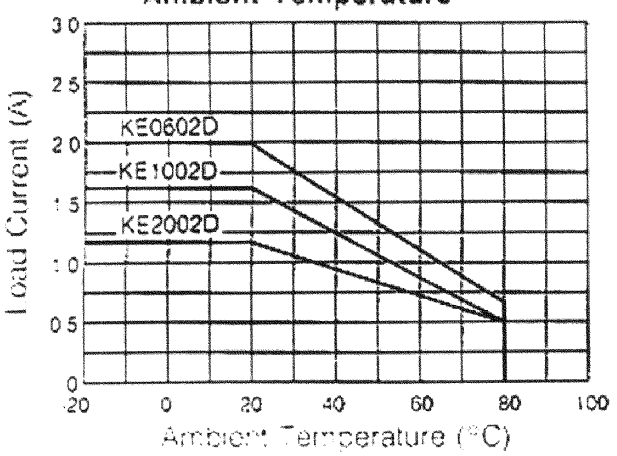
KE Series
Input Current VS. Input Voltage



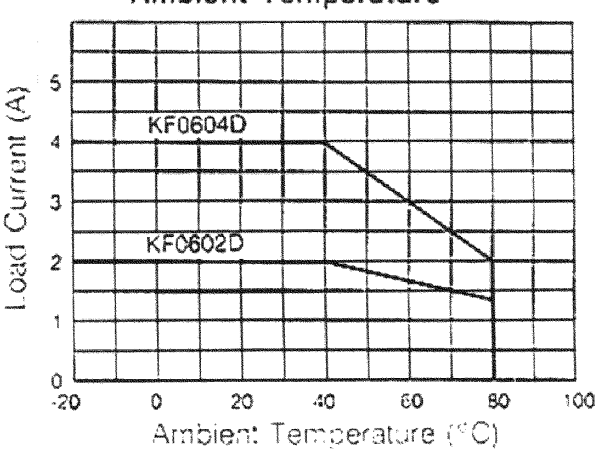
KF Series
Input Current VS. Input Voltage



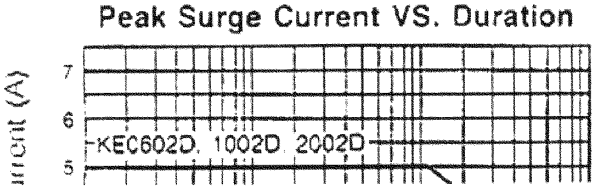
Maximum Load Current VS Ambient Temperature



Maximum Load Current VS Ambient Temperature



Peak Surge Current VS. Duration



Peak Surge Current VS. Duration